

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("5541629").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/01 10:33
S2	0	"2005062804"	US-PGPUB; USPAT	OR	ON	2007/07/31 19:47
S3	5	"2005062804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 19:47
S4	2	"20050062804"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 20:04
S5	2	"20050206685"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 20:09
S6	9	"5952884"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/31 20:09
S7	1	("5952884").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/31 20:13
S8	1	("6123404").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/31 20:16
S9	0	("72116960").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/31 20:16
S10	2	("7216960").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 20:20

## EAST Search History

S11	2	("6151050").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 20:23
S12	4	("4429321").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 20:24
S13	2	("6523922").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 20:26
S14	2	("5083137").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 20:30
S15	2	("6885958").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 20:32
S16	2	("6890060").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 20:36
S17	2	("4350449").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 20:39

## EAST Search History

S18	2	("5163760").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/31 20:39
S19	1	("6400349").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/01 10:34
S20	1	("7044572").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/01 11:52
S21	1	("6890048").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/01 11:55
S22	1	"20040017414"	US-PGPUB; USPAT	OR	ON	2007/08/01 12:03
S23	1	"20020036781"	US-PGPUB; USPAT	OR	ON	2007/08/01 12:04
S24	5	("2002/0036781").URPN.	USPAT	OR	ON	2007/08/01 12:23
S25	1	("6523922").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/01 12:51
S26	1	("5767872").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/01 12:56
S27	1	("4947192").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/01 12:58
S28	1	("6976748").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/01 13:10
S29	1	("6824237").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/01 13:12
S30	1	("6742874").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/01 13:15
S31	1	("6712434").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/01 13:15
S32	1	("6712437").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/01 13:19
S33	1	("6582045").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/01 13:23
S34	1	("6997533").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/01 13:30
S35	1	("5539433").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/01 13:34
S36	1	("6407620").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/01 13:36
S37	1	("6505904").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/01 13:36

## EAST Search History

S38	1	"20050264608"	US-PGPUB; USPAT	OR	ON	2007/08/01 14:14
S39	1	("3725898").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/01 15:49
S40	1	("4168421").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/01 15:50
S41	0	("2004/0017414").URPN.	USPAT	OR	ON	2007/08/01 16:51
S42	14	("20020191044"   "20020191052"   "4313124"   "4330787"   "4345262"   "4459600"   "4463359"   "4558333"   "4723129"   "4740796"   "4947192"   "6780701").PN. OR ("6890048").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 16:53
S43	2	("2002/0191044").URPN.	USPAT	OR	ON	2007/08/01 17:05
S44	14	("20020191044"   "20020191052"   "4313124"   "4330787"   "4345262"   "4459600"   "4463359"   "4558333"   "4723129"   "4740796"   "4947192"   "6780701").PN. OR ("6890048").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 17:07
S45	572	347/58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 17:21
S46	4	347/58 AND ((constant or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) adj (current or signal) adj (source or suppl\$4 or circuit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 21:06
S47	1	("5631675").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/01 17:28
S48	8	347/58 AND ((constant or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) NEAR(current or signal) NEAR (source or suppl\$4 or circuit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 17:56

## EAST Search History

S49	17	("4313124"   "4345262"   "4429321"   "4459600"   "4463359"   "4558333"   "4608577"   "4723129"   "4740796"   "4910528"   "5175565"   "5212503"   "5319389"   "5943070"   "6022093").PN. OR ("6471339").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 17:45
S50	9	347/54 AND ((constant or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) NEAR(current or signal) NEAR (source or suppl\$4 or circuit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 18:16
S51	8	("4560998"   "4808845"   "5172142"   "6068360"   "6582065").PN. OR ("6817704").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/01 18:14
S52	33	347/9 AND ((constant or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) NEAR(current or signal) NEAR (source or suppl\$4 or circuit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 18:44
S53	14	347/59 AND ((constant or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) NEAR(current or signal) NEAR (source or suppl\$4 or circuit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 19:04
S54	16	347/57 AND ((constant or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) NEAR(current or signal) NEAR (source or suppl\$4 or circuit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 19:09
S55	43	347/10 AND ((constant or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) NEAR(current or signal) NEAR (source or suppl\$4 or circuit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 19:20

## EAST Search History

S56	26	347/12 AND ((constant or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) NEAR(current or signal) NEAR (source or suppl\$4 or circuit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 19:27
S57	32	"347"/\$\$\$ AND ((constant or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) NEAR(current or signal) NEAR (source or suppl\$4 or circuit))and (reference adj current)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 19:47
S58	404	"347"/\$\$\$ AND ((constant or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) NEAR(current or signal) NEAR (source or suppl\$4 or circuit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 19:49
S59	302	"347"/\$\$\$ AND ((constant or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) adj(current or signal) adj (source or suppl\$4 or circuit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/01 19:50
S60	24	("3725898").URPN.	USPAT	OR	ON	2007/08/02 12:16
S61	1	("6755580").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 15:04
S62	16	("4313124"   "4345262"   "4459600"   "4463359"   "4558333"   "4608577"   "4723129"   "4740796"   "5083137"   "5682185"   "5943070"   "6204671"   "6439678").PN. OR ("6523922").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/02 16:25
S63	13	("4313124"   "4345262"   "4459600"   "4463359"   "4558333"   "4608577"   "4723129"   "4740796"   "5532901"   "5847576"   "6043679"   "6290334"   "6302504").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/02 16:32

## EAST Search History

S64	33	("4380771"   "4429321"   "4458256"   "4689694"   "4712172"   "4780730"   "5030971"   "5055859"   "5172134"   "5173717"   "5175565"   "5182577"   "5322811"   "5451988").PN. OR ("6290334").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/02 16:42
S65	11	("4559565"   "4723129"   "4740796"   "5287063"   "5606271"   "5838341"   "5896050"   "6290334"   "6322189"   "6641243"   "6755580").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/02 16:56
S66	12	("20020191044"   "20020191052"   "4313124"   "4330787"   "4345262"   "4459600"   "4463359"   "4558333"   "4723129"   "4740796"   "4947192"   "6780701").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/02 17:02
S67	8	("4560998"   "4808845"   "5172142"   "6068360"   "6582065").PN. OR ("6817704").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/02 17:57
S68	1	2000JP-0001164.AP,PRAI.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 19:00
S69	1	("4558333").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/02 19:00
S70	23	("4313124"   "4328504"   "4345262"   "4459600"   "4463359"   "4558333"   "4587535"   "4723129"   "4740796"   "4853718"   "5072235"   "5627571").PN. OR ("5886713").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/02 19:42
S71	0	((constant or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) adj (current or signal) adj (source or suppl\$4 or circuit))NEAR (saturat\$4)NEAR (MOS or Mosfet or MOS\$FET)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 21:10

## EAST Search History

S72	11	((constant or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) adj (current or signal) adj (source or suppl\$4 or circuit))NEAR2 (saturat\$4)NEAR2 (MOS or Mosfet or MOS\$FET)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 21:23
S73	27	((constant or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) adj (current or signal) adj (source or suppl\$4 or circuit))NEAR3 (saturat\$4)NEAR3 (MOS or Mosfet or MOS\$FET)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 09:59
S74	0	((constant or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) adj (current or signal) adj (source or suppl\$4 or circuit))NEAR3 (saturat\$4)NEAR3 (MOS or Mosfet or MOS\$FET)NEAR5 ((voltage near current)or (reference near current)or(reference near voltage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 21:45
S75	24	((constant or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) adj (current or signal) adj (source or suppl\$4 or circuit))NEAR3 (saturat\$4)NEAR3 (MOS or Mosfet or MOS\$FET)and((voltage near current)or (reference near current)or(reference near voltage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 21:45
S76	6	((constant or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) adj (current or signal) adj (source or suppl\$4 or circuit))NEAR3 (saturat\$4)NEAR3 (MOS or Mosfet or MOS\$FET)and((voltage near current)and (reference near current)and(reference near voltage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 22:00

## EAST Search History

S77	13	((constant or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) adj (current or signal) adj (source or suppl\$4 or circuit))NEAR3 (saturat\$4)and((voltage near current)and (reference near current)and(reference near voltage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 09:57
S78	6	((((constant or constant\$2 or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) adj (current or signal) adj (source or suppl\$4 or circuit))NEAR3 (saturat\$4)NEAR3 (MOS or Mosfet or MOS\$FET))and((voltage near current)and (reference near current)and(reference near voltage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 10:10
S79	6980	(voltage adj current adj conver\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 10:08
S80	0	S79 and (((constant or constant\$2 or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) adj (current or signal) adj (source or suppl\$4 or circuit))NEAR3 (saturat\$4)NEAR3 (MOS or Mosfet or MOS\$FET))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 10:11
S81	973	S79 and ((constant or constant\$2 or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) adj (current or signal) adj (source or suppl\$4 or circuit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 10:12

## EAST Search History

S82	22	S79 and ((constant or constant\$2 or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) adj (current or signal) adj (source or suppl\$4 or circuit)) and ((saturat\$4)NEAR3 (MOS or Mosfet or MOS\$FET))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 10:44
S83	1	S79 and ((constant or constant\$2 or uniform or fixed or equal or even or stable or invariable or regular or consistent or unchanging or unvarying or steady or predetermined or settled) adj (current or signal) adj (source or suppl\$4 or circuit)) and ((saturat\$4)NEAR3 (MOS or Mosfet or MOS\$FET))and((voltage near current)and (reference near current)and(reference near voltage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 10:45
S84	0	WO-200416898-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 18:30
S85	2	WO-2004016898-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 18:35
S86	1	2004WO-JP16898	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 18:35
S87	0	WO-200316898-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 18:41

## EAST Search History

S88	4	"2003038617"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 18:42
S89	2	"20030038617"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 19:46
S90	2	("6400349").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 19:55
S91	2	("5952884").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/03 19:55
S92	1	("5886713").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/04 14:50
S93	1	("6400349").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/04 14:50